

Mathilde Perennial Ryegrass

KEY OBSERVATIONS:

- Excellent forage quality, tetraploid variety
- Improved winterhardiness
- Improved forage yield
- Very dense growth habit
- Late maturity

VARIETY DESCRIPTION:

Botanical Name:	Perennial
Ploidy:	Tetraploid
Pollination:	Open
Plant - Spring Growth Habit:	Medium
Plant - Fall Growth Habit:	Medium
Plant Height:	Medium
Winter Hardiness:	Moderately Resistant
Maturity:	N/A
Rhizomes - Creeping Habit:	Absent to Very Weak
Waxy Bloom on Leaf:	Present
Leaf Sheath Colour:	White
Basal Hairs:	Absent
Leaf Blade Margins:	Smooth
Leaf Blade Folding:	Open
Leaf Width:	Narrow
Leaf Length:	Long
Leaf Colour:	Dark green
Leaf Pubescence:	Strongly Pubescent
Flag Leaf Width:	Medium-wide
Flag Leaf Length:	Long
Auricles:	Absent
Flowering Date:	N/A
Panicle Colour:	N/A
Panicle Length:	N/A

VARIETY DESCRIPTION:

Panicle Shape:	Spike
Panicle Pubescence:	Glabrous
Panicle Type:	Intermediate
Panicle Attitude:	Erect
Number of Spikelets:	Few
Culm Neck Shape:	Slightly Curved
Branch Pubescence:	Glabrous
Palea Length:	Short
Lemma Pubescence:	Absent
Lemma Texture:	Smooth
Lemma Length:	Short
Lemma Width:	Narrow
Lemma Awn Length:	Shorter than Length
Glume Pubescence:	Glabrous
Glume Length:	Short
Glume Width:	Narrow
Glume Awn Length:	Shorter than Length
Anther Colour:	Yellowish Green
Palea Pubescence:	Absent
Seed Size:	Medium
Seed Weight:	0.2g/100 Seeds
Seed Length:	7mm
Seed Width:	2mm
Seeding Rate:	11kg/ac, 25lbs/ac

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COMPARISON VARIETIES	HARVEST YEAR(S)	TOTAL CUTS	NUMBER OF STATION YEAR(S)	TOTAL YIELD (KG/HA)	YIELD INDEX (%)
ALL PUBLIC FORAGE PERFORMANCE TRIALS					
Mathilde	2005-'14	47	14	8799.8	99
ALL PUBLIC FORAGE PERFORMANCE TRIALS					
Mathilde	2015-'16	15	5	6504.3	97